

EGR Control Valve

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

6. EGR Control Valve

A: REMOVAL

1) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

For the 12 volt engine restart battery, disconnect the ground terminal from 12V engine restart battery sensor.

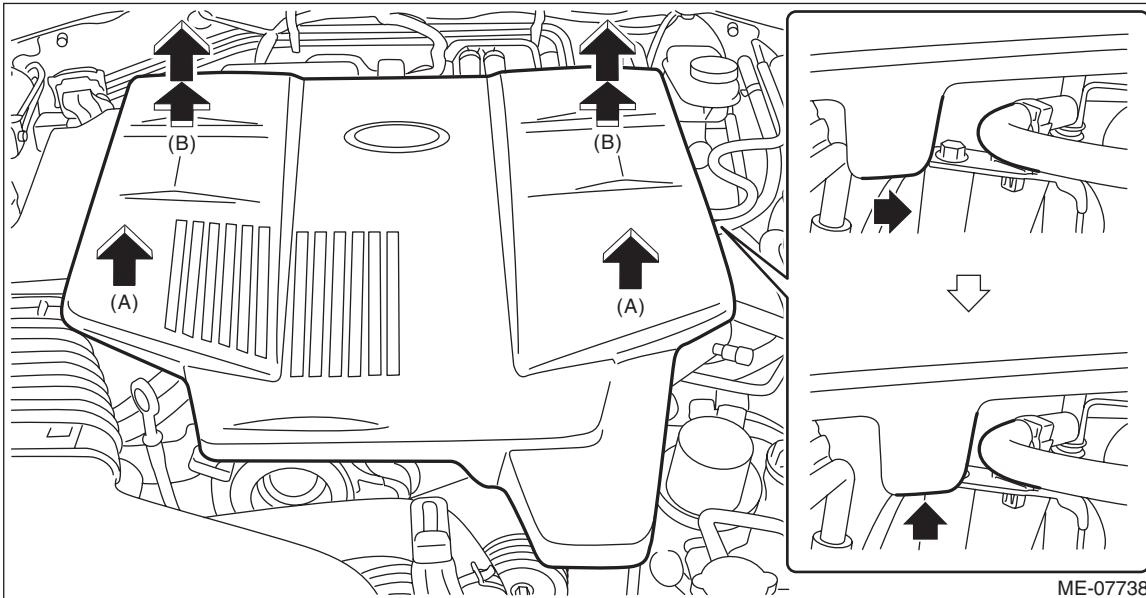
2) Remove the collector cover.

(1) Carefully pull up the front of collector cover at two positions (A).

(2) Carefully pull up the rear of collector cover at two positions (B) while moving it backward.

NOTE:

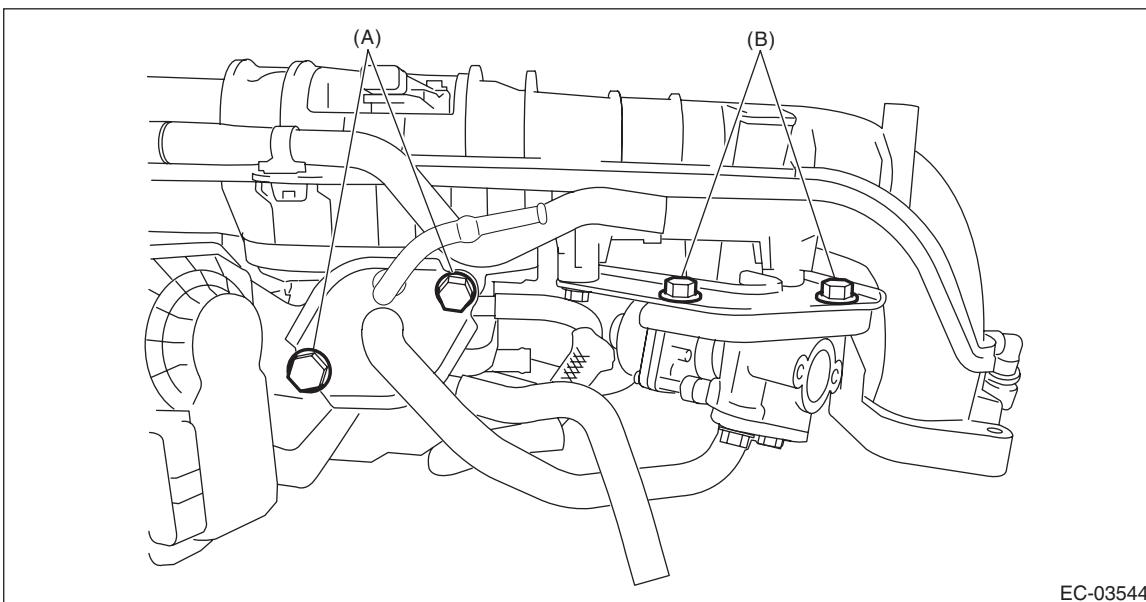
Be careful not to contact the fuel delivery tube when moving the collector cover rearward.



3) Remove the intake manifold. <Ref. to FU(H4DO(HEV))-19, REMOVAL, Intake Manifold.>

4) Remove the bolt (A) which holds the EGR pipe to the intake manifold.

5) Remove the bolt (B) which secures the EGR control valve bracket B to the EGR control valve bracket A, and remove the EGR control valve together with the EGR pipe from the intake manifold.

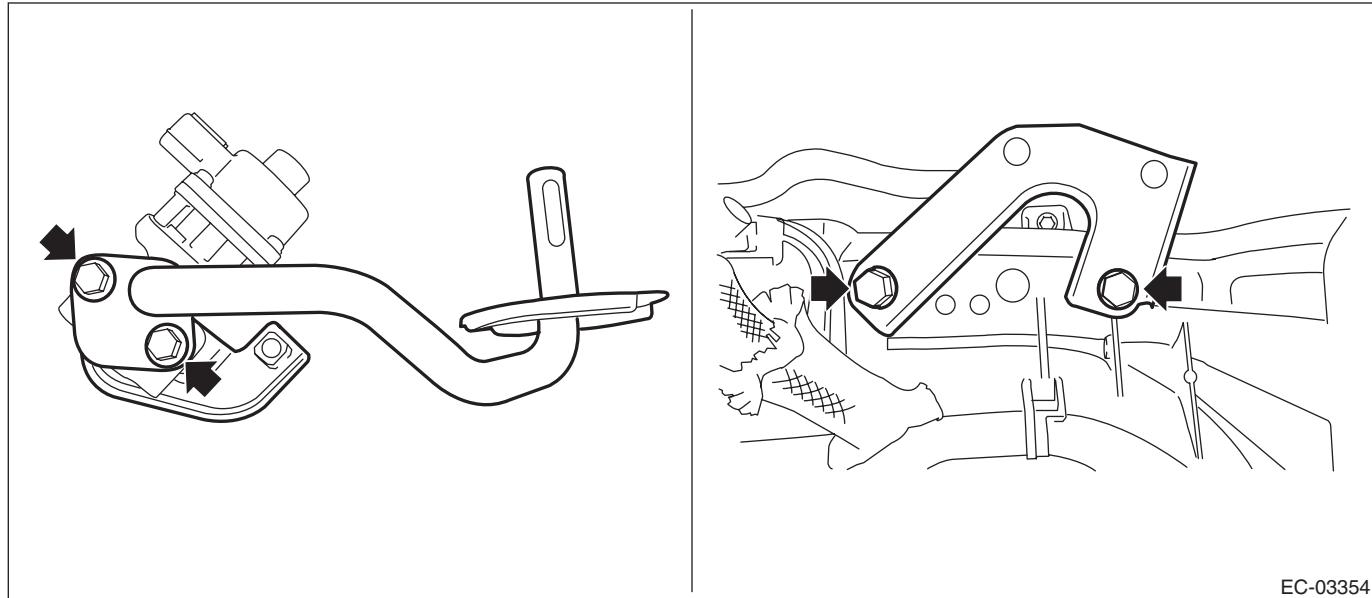


6) Remove the bolts securing the EGR pipe and the EGR control valve bracket B from the EGR control valve.

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7) Remove the EGR control valve bracket A from the intake manifold.



EC-03354

B: INSTALLATION

Install in the reverse order of removal.

NOTE:

Use a new gasket.

Tightening torque:

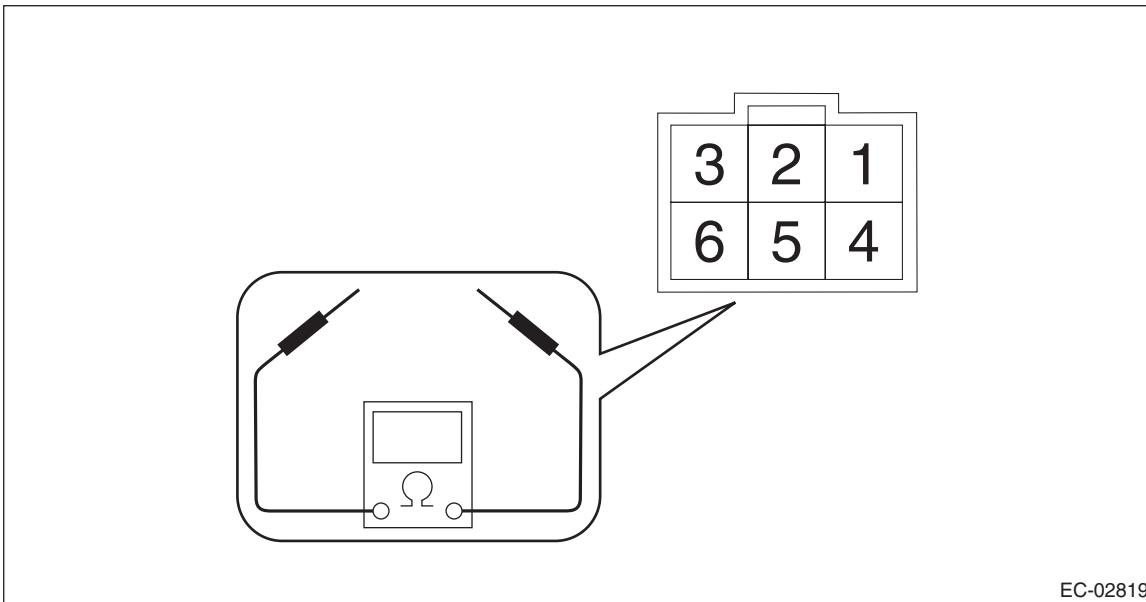
19 N·m (1.9 kgf·m, 14.0 ft-lb)

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C: INSPECTION

- 1) Check that the EGR control valve and EGR control valve bracket have no deformation, cracks or other damages.
- 2) Measure the resistance between EGR control valve terminals.



Terminal No.	Standard
2 and 1	$22 \pm 2 \Omega$
2 and 3	$22 \pm 2 \Omega$
5 and 4	$22 \pm 2 \Omega$
5 and 6	$22 \pm 2 \Omega$